



***GE PulseArc™ Multi-Vapor® Lamps***

***PulseArc™***

PROVIDES THE MOST  
LIGHT OVER LIFE OF ANY  
METAL HALIDE SYSTEM.  
SAVES ENERGY WHILE  
KEEPING FACILITIES  
BRIGHT AND PRODUCTIVE.

PERFECT FOR NEW  
INSTALLATIONS OR  
FACILITY UPGRADES.





IDEAL FOR NEW INSTALLATIONS  
AND FACILITY UPGRADES,  
GE PULSEARC™ LAMPS  
FEATURE BEST-IN-INDUSTRY  
PERFORMANCE...PROVIDING  
MORE LIGHT OVER LIFE AND  
DELIVERING SIGNIFICANT ENERGY  
AND MAINTENANCE SAVINGS.

THE NEW 350W PULSEARC™  
XHO LAMP IS AN IDEAL  
UPGRADE FROM 400W  
METAL HALIDE,  
SAVING ENERGY  
WHILE INCREASING  
LIGHT LEVELS.



## PulseArc™ Multi-Vapor® Metal Halide Lamps

GE PulseArc™ metal halide lamps deliver the most initial and maintained lumens in the industry.

- Most light over life saves money, keeps facilities bright
  - Most efficient metal halide lamps available
  - Get desired light levels with lower wattage lamps or fewer fixtures
- Save an additional 15-30 watts per fixture with energy saving ballasts
- Up to 50% longer life reduces maintenance costs
  - Up to 30,000 hour life on long burn cycles (120 hours per start)
  - High lumen maintenance extends relamp cycle
- Faster warm-up and restart times
  - Reaches full light output 50%+ faster than standard metal halide lamps
- Now available in HO (High Output) and XHO (Extra High Output) versions
  - Gives maximum flexibility in laying out a lighting installation
- Available in a wide range of wattages

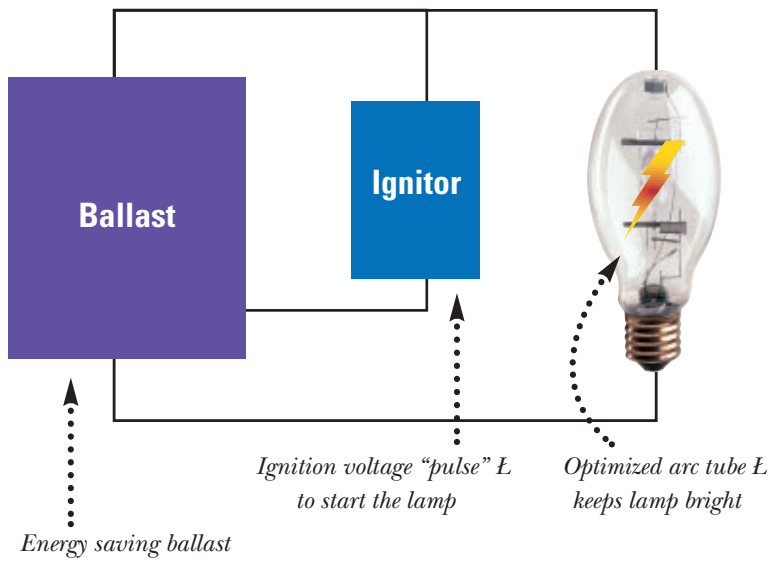
### Applications

- Retail Ceiling
- Industrial
- Warehouse
- Canopies
- Parking Areas
- General Lighting



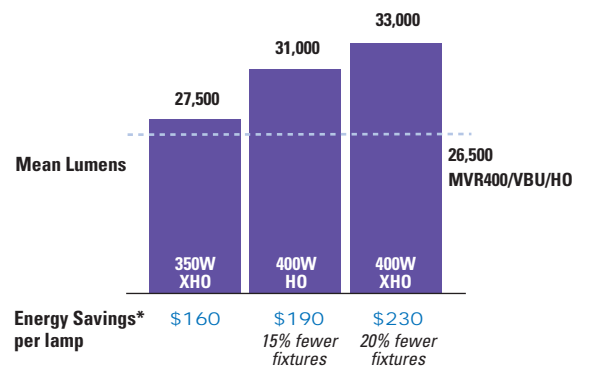
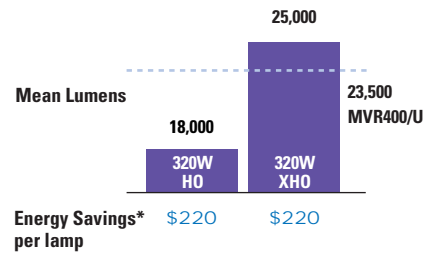
Photograph provided by Holophane Corporation.

## Pulse Start Systems

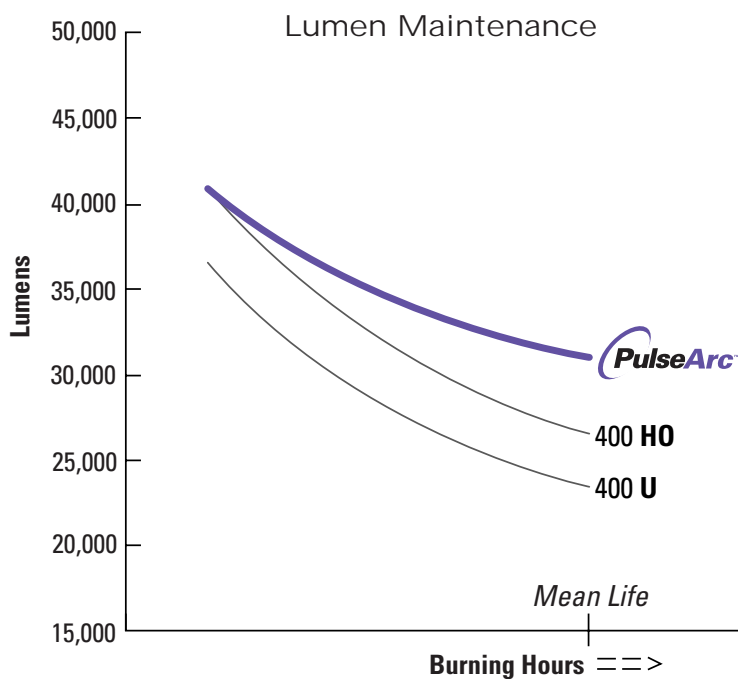


## Performance Comparison:

PulseArc™ vs. Standard Metal Halide  
320W, 350W, and 400W



\*Assumes use of reactor ballast, \$0.10/kwh energy rate



Photograph provided by Holophane Corporation.

# Performance Data PulseArc™ Metal Halide Lamps

■ High Lumen Design

175 WATTS—Approved Ballast: ANSI M137 with minimum 275 OCV

| PRODUCT CODE                                    | DESCRIPTION         | LUMENS INITIAL | LUMENS MEAN | AVG. LIFE HOURS | CRI/COLOR TEMPERATURE | ARC LENGTH (mm) | FIXTURE REQ. | CASE QTY. | ADDITIONAL INFORMATION         |
|---|---------------------|----------------|-------------|-----------------|-----------------------|-----------------|--------------|-----------|--------------------------------|
| <b>ED23½ Bulb (7½" MOL, 5" LCL)—Mogul Base</b>  |                     |                |             |                 |                       |                 |              |           |                                |
| 22342   | MXR175/VBU/PA       | 17200          | 12900       | 15000           | 65 @ 3200K            | 21              | E            | 6         | Clear, Vertical Base Up ± 15°  |
| 11185   | MXR175/C/VBU/PA     | 16250          | 11700       | 15000           | 65 @ 3200K            |                 | E            | 6         | Coated, Vertical Base Up ± 15° |
| 12622   | MVR175/VBU/PA       | 17700          | 13300       | 15000           | 75 @ 4000K            | 21              | E            | 6         | Clear, Vertical Base Up ± 15°  |
| 12633   | MVR175/C/VBU/PA     | 16400          | 11800       | 15000           | 75 @ 4000K            |                 | E            | 6         | Coated, Vertical Base Up ± 15° |
| <b>BD17 Bulb (5¼" MOL, 3⅞" LCL)—Medium Base</b> |                     |                |             |                 |                       |                 |              |           |                                |
| 12636   | MVR175/VBU/MED/PA   | 17700          | 13300       | 15000           | 75 @ 4000K            | 21              | E            | 6         | Clear, Vertical Base Up ± 15°  |
| 12637   | MVR175/C/VBU/MED/PA | 16400          | 11800       | 15000           | 75 @ 4000K            |                 | E            | 6         | Coated, Vertical Base Up ± 15° |

250 WATTS—Approved Ballast: ANSI M138 with minimum 275 OCV

| PRODUCT CODE                                  | DESCRIPTION     | LUMENS INITIAL | LUMENS MEAN | AVG. LIFE HOURS | CRI/COLOR TEMPERATURE | ARC LENGTH (mm) | FIXTURE REQ. | CASE QTY. | ADDITIONAL INFORMATION         |
|---|-----------------|----------------|-------------|-----------------|-----------------------|-----------------|--------------|-----------|--------------------------------|
| <b>ED28 Bulb (8¼" MOL, 5" LCL)—Mogul Base</b> |                 |                |             |                 |                       |                 |              |           |                                |
| 26317   | MVR250/VBU/PA   | 23000          | 17200       | 15000/20000*    | 65 @ 4200K            | 36              | E            | 12        | Clear, Vertical Base Up ± 15°  |
| 26319   | MXR250/C/VBU/PA | 21500          | 15500       | 15000/20000*    | 65 @ 3900K            |                 | E            | 12        | Coated, Vertical Base Up ± 15° |

320 WATTS—Approved Ballast: ANSI M132

| PRODUCT CODE                                  | DESCRIPTION         | LUMENS INITIAL | LUMENS MEAN | AVG. LIFE HOURS | CRI/COLOR TEMPERATURE | ARC LENGTH (mm) | FIXTURE REQ. | CASE QTY. | ADDITIONAL INFORMATION         |
|---|---------------------|----------------|-------------|-----------------|-----------------------|-----------------|--------------|-----------|--------------------------------|
| <b>ED28 Bulb (8¼" MOL, 5" LCL)—Mogul Base</b> |                     |                |             |                 |                       |                 |              |           |                                |
| 27501   | MVR320/VBU/HO/PA    | 31000          | 18000       | 20000           | 65 @ 4000K            | 36              | E            | 12        | Clear, Vertical Base Up ± 15°  |
| 27502   | MVR320/C/VBU/HO/PA  | 30000          | 16500       | 20000           | 70 @ 3700K            |                 | E            | 12        | Coated, Vertical Base Up ± 15° |
| 45666   | MVR320/VBU/XHO/PA   | 34000          | 25000       | 20000/30000     | 65 @ 4000K            | 25              | E            | 12        | Clear, Vertical Base Up ± 15°  |
| 45669   | MVR320/C/VBU/XHO/PA | 33000          | 23000       | 20000/30000     | 70 @ 3700K            |                 | E            | 12        | Coated, Vertical Base Up ± 15° |

350 WATTS—Approved Ballast: ANSI M131

| PRODUCT CODE                                   | DESCRIPTION         | LUMENS INITIAL | LUMENS MEAN | AVG. LIFE HOURS | CRI/COLOR TEMPERATURE | ARC LENGTH (mm) | FIXTURE REQ. | CASE QTY. | ADDITIONAL INFORMATION         |
|--|---------------------|----------------|-------------|-----------------|-----------------------|-----------------|--------------|-----------|--------------------------------|
| <b>ED37 Bulb (11⅝" MOL, 7" LCL)—Mogul Base</b> |                     |                |             |                 |                       |                 |              |           |                                |
| 40376  | MVR350/VBU/XHO/PA   | 37000          | 27500       | 20000/30000*    | 62 @ 4000K            | 33              | 0            | 6         | Clear, Vertical Base Up ± 15°  |
| 40377  | MVR350/C/VBU/XHO/PA | 36000          | 26000       | 20000/30000*    | 65 @ 3700K            |                 | 0            | 6         | Coated, Vertical Base Up ± 15° |

400 WATTS—Approved Ballasts: ANSI M128 and M135 with minimum 270 OCV

| PRODUCT CODE                                   | DESCRIPTION        | LUMENS INITIAL | LUMENS MEAN | AVG. LIFE HOURS | CRI/COLOR TEMPERATURE | ARC LENGTH (mm) | FIXTURE REQ. | CASE QTY. | ADDITIONAL INFORMATION         |
|--|--------------------|----------------|-------------|-----------------|-----------------------|-----------------|--------------|-----------|--------------------------------|
| <b>ED37 Bulb (11⅝" MOL, 7" LCL)—Mogul Base</b> |                    |                |             |                 |                       |                 |              |           |                                |
| 45664  | MVR400/VBU/HO/PA   | 41000          | 30800       | 20000/30000*    | 65 @ 4000K            | 45              | 0            | 6         | Clear, Vertical Base Up ± 15°  |
| 45665  | MVR400/C/VBU/HO/PA | 40000          | 28800       | 20000/30000*    | 70 @ 3700K            |                 | 0            | 6         | Coated, Vertical Base Up ± 15° |
| 12642  | MVR400/VBU/XHO/PA  | 44000          | 33000       | 20000/30000*    | 65 @ 4000K            | 40              | 0            | 6         | Clear, Vertical Base Up ± 15°  |
| 12644  | MVR400C/VBU/XHO/PA | 42000          | 30200       | 20000/30000*    | 70 @ 3700K            |                 | 0            | 6         | Coated, Vertical Base Up ± 15° |

\*First rated life is on standard burn cycles (11 hours on/1 hour off); second rated life is on long burn cycles (120 hours on/1 hour off).

All lamps listed above conform to ANSI standards for the designations listed, including base temperature ratings, electrical performance, and physical information unless otherwise noted. Consult GE Lighting for specific details.

For applicable safety notices and operating instructions, consult the lamp packaging. Further information is also available in the GE Lamp Products Catalog (publication 86040).

For definitions of terms used in these specifications, consult the GE Lamp Products Catalog (publication 86040).

For the most up-to-date,  
comprehensive product information,  
visit the GE Lighting Web site at

[www.GELighting.com](http://www.GELighting.com)



**GE Lighting**

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